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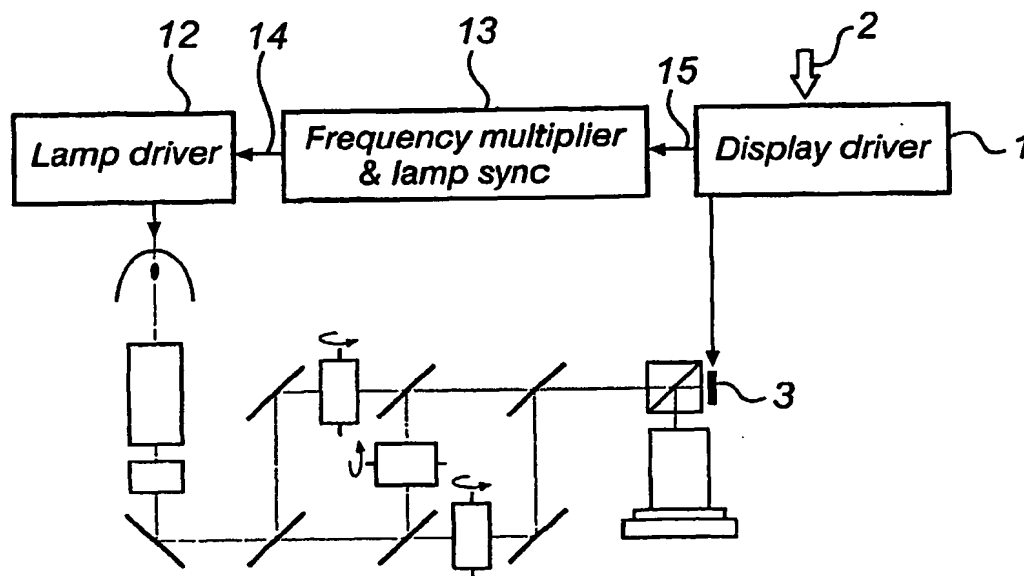
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[Continued on next page]

(54) Title: SCROLLING COLOR PROJECTION SYSTEM WITH LAMP SYNCHRONIZATION



(57) Abstract: A scrolling color projection system, comprising a pulsed lamp (4) and a color scanner (6, 8a, 8b, 8c, 9) for generating a light beam (5b) with a plurality of scrolling color fields, arranged to illuminate a display device (1, 3) to produce a projection of an image generated by the display device, wherein the frequency of the lamp is controlled so as to be related to the frame rate of the display device. By controlling the lamp frequency in relation to the frame rate, a generated interference pattern can be controlled to be distributed over several frame periods and over the entire height of the display. In particular, the pattern can be controlled in such a way that it is not perceptible to the human eye.

**Declaration under Rule 4.17:**

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 5 548 347 A (JANSSEN PETER J ET AL) 20 August 1996 (1996-08-20) -----	

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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